



U.S. Department of Labor
Occupational Safety & Health Administration

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Directorate of Science, Technology and Medicine
(DSTM)

June 23, 2003

Directorate of
Science, Technology
and Medicine

Salt Lake Technical Center (SLTC)

Jimmy Roberts
Director

Keith Motley
Deputy



OSHA
SALT LAKE
TECHNICAL
CENTER

"The SLTC offers Integrated Solutions to Agency Problems"

- To conduct extensive analyses, test, and studies of workplaces to evaluate compliance with OSHA regulations and/or the existence of hazards.
- To develop and manage the OSHA Technical Links for the agency and other users.
- To manage agency mandated certification of clinical testing laboratories.
- To provide emergency field response to Regional and Area Offices.
- To serve as the Agency experts and provide technical support in the areas listed above to all customers, as appropriate.
- To provide integrated solutions to Agency problems using personnel well-versed in chemistry, engineering, computer science, and industrial hygiene.

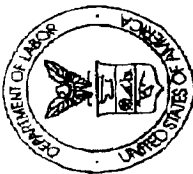
USDOL/OSHA/SLTC
1781 South 300 West
Salt Lake City, UT 84115-1802
(801)524-7900

Revised: 05 May 2003

ATTN: Reception *Analytical Lab*

U.S. Department of Labor

Occupational Safety and Health Administration
Suite B-12
3939 West Ridge Road
Erie, PA 16506
(814) 833-5758



Establishment Name: Federal Correctional Institution, McKean, Lewis Run, PA/UNICOR Factory						
Job Title and/or Operation(s)	Contaminant(s) Sampled	Exposure(s) mg/m ³ ppm noise	PEL mg/m ³ ppm noise	%PEL (Exposure divided by PEL X 100 = %)	Date Sampled	Comments
Saw Operator	Respirable Silica	None detected	Not Determined	Not Applicable	6/17/03	Work practices produce the most dust exposure. Controls cut of product
Saw Operator	Total Particulate	0.54	15.00	3.6%	6/17/03	Good respirator use
Feeder Operator	Respirable Silica	None detected	Not Determined	Not Applicable	6/17/03	Good respirator use
Feeder Operator	Total Particulate	1.1	15.00	7.6%	6/17/03	Good respirator use
Area Sample	Synthetic Vitreous Fiber (SVF)	Fibers/CC None Detected	3 Fibers/CC REL (NIOSH) 15.00*	Not Applicable	6/17/03	Area Sample Above Panel Saw. Four Samples Taken
Bulk Samples	SVF, Silica	30% SVF 20% Silica	Not Applicable	Not Applicable	6/17/03 6/18/03	Settled Dust at Processes
Router and Shaper Operation	Silica	None Detected	Not Determined	Not Applicable	6/18/03	Lower Band of Respirator was not attached.
Router and Shaper Operation	Total Particulate	1.50	15.00	10.3%	6/18/03	Good respirator use
Area Sample	Synthetic Vitreous Fibers	None Detected	3 Fibers/CC REL (NIOSH) 15.00*	Not Applicable	6/18/03	Sample taken above router. Two Samples Taken

PEL = Permissible Exposure Limit, AL = Action Level (usually half of the PEL), TWA = Time Weighted Average (an 8hr exposure); STEL = Short Term Exposure Limit (15 Min); C = Ceiling (value that can never be exceeded)

* Regulated as a nuisance dust, REL (Recommended Exposure Limit)